

| | |
|---|--|
| Title | Translucency Monitoring-Hypothesis 4 |
| Abstract | <p>Rocky riffles in rivers support a complex community of algae, bacteria, fungi and detritus often held together by a polysaccharide matrix. This biofilm provides food for invertebrates, some fish, platypus, rakali and turtles. Biofilms are scoured naturally by high flows. River regulation alters the timing, duration and frequency of biofilm scouring. Environmental flows downstream of dams, including translucent and transparent releases are designed to restore some of the variability of flow and allow scouring to reset early-stage biofilm, which is more palatable for aquatic animals.</p> <p>IMEF biofilm and invertebrate studies were performed in the Hunter and Murrumbidgee Rivers, testing the hypothesis (IMEF Hypothesis 4) that restoring some freshes and high flows would induce scouring of silt and biofilms and improved habitat quality for some invertebrate scrapers and their predators.</p> <hr/> <p>Note: If you would like to ask a question, make any suggestions, or tell us how you are using this dataset, please visit the NSW Water Hub which has an online forum you can join.</p> |
| Resource locator | |
| Data Quality Statement | <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Wetlands Project-Hypothesis 7</p> <p>Function: download</p> |
| Unique resource identifier | |
| Code | 53e5ef26-eaca-48f4-ad4f-f20318db2035 |
| Presentation form | Table digital |
| Edition | 1.0 |
| Dataset language | English |
| Metadata standard | |
| Name | ISO 19115 |
| Edition | 2016 |
| Dataset URI | https://datasets.seed.nsw.gov.au/dataset/53e5ef26-eaca-48f4-ad4f-f20318db2035 |
| Purpose | To monitor the first environmental flow releases as part of the development of the NSW Water Sharing Plan development and monitoring |
| Status | Historical archive |
| Spatial representation type | None |
| Spatial reference system | |
| Code identifying the spatial reference system | 4283 |

| | |
|--|---|
| Topic category | |
| Keyword set | |
| keyword value | WATER-Quality FAUNA-Invertebrates |
| Originating controlled vocabulary | |
| Title | ANZLIC Search Words |
| Reference date | 2008-05-16 |
| Geographic location | |
| West bounding longitude | 141 |
| East bounding longitude | 154 |
| North bounding latitude | -37.7 |
| South bounding latitude | -28 |
| NSW Place Name | NSW |
| Vertical extent information | |
| Minimum value | -100 |
| Maximum value | 2228 |
| Coordinate reference system | |
| Authority code | urn:ogc:def:cs:EPSG:: |
| Code identifying the coordinate reference system | 5711 |
| Temporal extent | |
| Begin position | 1998-01-07 |
| End position | N/A |
| Dataset reference date | |
| Resource maintenance | |
| Maintenance and update frequency | As needed |
| Contact info | |
| Contact position | Data Broker |
| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Telephone number | 131555 |
| Email address | data.broker@environment.nsw.gov.au |
| Web address | https://www.nsw.gov.au/departments-and-agencies/dcceew |
| Responsible party role | pointOfContact |
| Limitations on public access | |

| | |
|---------------------------|---|
| Responsible party | |
| Contact position | Data Broker |
| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Telephone number | 131555 |
| Email address | data.broker@environment.nsw.gov.au |
| Web address | https://www.nsw.gov.au/departments-and-agencies/dcceew |
| Responsible party role | pointOfContact |
| Metadata point of contact | |
| Contact position | Data Broker |
| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Telephone number | 131555 |
| Email address | data.broker@environment.nsw.gov.au |
| Web address | https://www.nsw.gov.au/departments-and-agencies/dcceew |
| Responsible party role | pointOfContact |
| Metadata date | 2024-06-19T21:20:29.041717 |
| Metadata language | |